



Luxembourg, 29.11.2022

## Environmental and Social Data Sheet

### Overview

Project Name:	CARRARO GROUP RDI AND DIGITALISATION II	
Project Number:	2021-0281	
Country:	Italy	
Project Description:	The project covers the Promoter's investments in Research, Development and Innovation (RDI) in the field of electrification technologies for agricultural machinery and power transmission systems for tractors and off-highway vehicles, material science, product's digitalisation as well as investments to improve the Promoter's digitalisation of processes, deployment of digital infrastructure and enhancement of cyber security. The activities will be carried out in Italy over the period between 2023 and 2026.	
EIA required:	no	
Project included in Carbon Footprint Exercise <sup>1</sup> :	no	

### Environmental and Social Assessment

#### Environmental Assessment

Research and development activities in the field of agricultural machinery and power transmission systems for tractors and off-highway vehicles as well as the other activities comprised in the proposed project are not listed in the annexes of the Environmental Impact Assessment (EIA) Directive 2011/92/EU amended by the Directive 2014/52/EU. The financed activities will be carried out in existing facilities that will not change their scope due to the project. Therefore the project is therefore not covered by the EIA Directive.

The project covers several aspects of powertrain electrification for agricultural machinery (AG) and construction equipment (CE) applications, such as development of e-motors, hybrid modules, transmission control units, or electric gear-shift actuators. The RDI activities on increased digitalisation, smart sensors for data collection and connectivity of products will enable diagnostic services and allow for predictive maintenance, thus avoiding unnecessary tasks and reducing the need for spare parts. The RDI on materials will allow for a better and more use of materials in the Promoter's products. Overall, all these activities are expected to have a positive impact on the reduction of emissions and on improving the product's sustainability, thus entailing positive environmental externalities.

#### EIB Paris Alignment for Counterparties (PATH) Framework

The Promoter is a Tier-1 system provider of advanced power transmission solutions for the agricultural, construction machinery and equipment businesses. The Promoter is therefore in scope but screen out to the EIB PATH framework.

<sup>1</sup> Only projects that meet the scope of the Carbon Footprint Exercise, as defined in the EIB Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: 20,000 tonnes CO<sub>2</sub>e/year absolute (gross) or 20,000 tonnes CO<sub>2</sub>e/year relative (net) – both increases and savings.



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### **Other Environmental and Social Aspects**

Quality, Environment as well as Health and Safety matters are well integrated into the Promoter's Management System. All the sites concerned by the project are certified ISO 9001, ISO 14001 as well as ISO 45001.

### **Conclusions and Recommendations**

In the light of the above, the project is acceptable for EIB financing in E&S terms.